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=> s l2 and (x(3w)ray?)
      1497143 X
      1161562 RAY?
       800933 X(3W)RAY?
L4           2 L2 AND (X(3W)RAY?)

=> d bib abs 1-2

L4   ANSWER 1 OF 2  CAPLUS  COPYRIGHT 2006 ACS on STN
AN   2006:80073  CAPLUS
DN   144:135168
TI   Novel polymorph of zolpidem hemitartrate
IN   Kumar, Yatendra; Mohan, Prasad; Asok, Nath; Chandrashekar, Tippasandra;
     Santhakumar, Rita; Ganguly, Somenath
PA   Ranbaxy Laboratories Limited, India
SO   PCT Int. Appl., 22 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.           KIND   DATE        APPLICATION NO.         DATE
     --------------       ----   --------    --------------------    --------
PI   WO 2006008636         A2    20060126    WO 2005-IB2043          20050715
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
             CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
             GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ,
             LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA,
             NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK,
             SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,
             ZA, ZM, ZW
         RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
             IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
             CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
             GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
             KG, KZ, MD, RU, TJ, TM
PRAI IN 2004-DE1313        A     20040716
     IN 2004-DE1549        A     20040819
AB   The invention relates to processes for the preparation of a polymorph of
     zolpidem hemitartrate.  More particularly, it relates to the preparation of a
     non-hygroscopic polymorphic form of zolpidem hemitartrate and
     pharmaceutical compns. that include the non-hygroscopic polymorphic form,
     designated as Form (I) of zolpidem hemitartrate.  The invention also
     relates to use of the compns. for treating anxiety, sleep disorders and
     convulsions.  The invention also relates to a process for the preparation of
     zolpidem or pharmaceutically acceptable salts thereof.

L4   ANSWER 2 OF 2  CAPLUS  COPYRIGHT 2006 ACS on STN
AN   2001:798053  CAPLUS
DN   135:348889
TI   Zolpidem hemitartrate polymorphs for treatment of insomnia
IN   Aronhime, Judith; Dolitzky, Ben-Zion; Kordova, Marco; Leonov, David;
     Meszaros-Sos, Erzebet; Salyi, Szaboles; Schwartz, Anchel; Szabo, Csaba;
     Zavurov, Shlomo
PA   Teva Pharmaceutical Industries Ltd., Israel; Teva Pharmaceuticals USA,
     Inc.
SO   PCT Int. Appl., 58 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.           KIND   DATE        APPLICATION NO.         DATE
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PI   WO 2001080857         A1    20011101    WO 2001-US13175         20010424
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WO 2001080857 C2 20020627
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CA 2406982	AA	20011101	CA 2001-2406982	20010424
AU 2001057213	A5	20011107	AU 2001-57213	20010424
US 2002077332	A1	20020620	US 2001-841025	20010424
EP 1292304	A1	20030319	EP 2001-930705	20010424
EP 1292304	B1	20051102		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2003531173	T2	20031021	JP 2001-577956	20010424
NZ 522015	A	20040827	NZ 2001-522015	20010424
EP 1473036	A1	20041103	EP 2004-10435	20010424
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, CY, TR				
EP 1475093	A1	20041110	EP 2004-10651	20010424
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EP 1541146	A1	20050615	EP 2005-1922	20010424
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, CY, TR				
DE 20122436	U1	20051020	DE 2001-20122436	20010424
DE 20122435	U1	20051110	DE 2001-20122435	20010424
AT 308324	E	20051115	AT 2001-930705	20010424
EP 1600159	A1	20051130	EP 2005-16275	20010424
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, CY, TR				
EP 1604663	A1	20051214	EP 2005-16276	20010424
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
ZA 2002008454	A	20031020	ZA 2002-8454	20021018
US 2004214858	A1	20041028	US 2004-852912	20040524
US 2004214859	A1	20041028	US 2004-853640	20040524
US 2004220210	A1	20041104	US 2004-853031	20040524
US 2004220211	A1	20041104	US 2004-853033	20040524
US 2004220212	A1	20041104	US 2004-853338	20040524
US 2004220213	A1	20041104	US 2004-853345	20040524
PRAI US 2000-199298P	P	20000424		
US 2000-206025P	P	20000522		
US 2000-225364P	P	20000814		
EP 2001-930705	A3	20010424		
US 2001-841025	A3	20010424		
WO 2001-US13175	W	20010424		

AB The present invention provides for novel polymorphs of zolpidem hemitartrate and the preparation of the polymorphs. The zolpidem hemitartrate are prepared as hydrates or solvates, e.g., zolpidem hemitartrate methanolate or acetonate. For example, 5 g (17.7 mmol) of zolpidic acid was suspended in 50 mL of toluene and 0.15 mL of DMF and the mixture was cooled to 15-28°. Then, 1.7 mL (23.3 mmol) of thionyl chloride was added into the mixture at this temperature for 1 h, then it is stirred for 4 h at 35-40°. After formation of acid chloride the thionyl chloride excess was removed by distillation The volume of the reaction mixture was adjusted to 50 mL by toluene, then it was cooled to -5-0°, and dimethylamine gas was introduced into the reaction mixture until the pH was 8.5-9.5. Precipitation of zolpidem base started almost immediately. The suspension was

cooled to -10-(-12)° and mixed for 1 h. The crude product was filtered and washed consecutively with toluene, 5% cooled water solution of NH4CO3 and cooled water. The product was dried under vacuum to obtain 4.1 g (yield 80%) zolpidem base used in preparation of hemitartrate polymorphs.

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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     (FILE 'HOME' ENTERED AT 14:09:46 ON 13 MAR 2006)

     FILE 'REGISTRY' ENTERED AT 14:09:54 ON 13 MAR 2006
L1             1 S 99294-93-6

     FILE 'CAPLUS' ENTERED AT 14:10:48 ON 13 MAR 2006
L2            71 S L1
L3             1 S L2 AND (FORM?(L)D)
L4             2 S L2 AND (X(3W)RAY?)
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